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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/609,197	06/30/2000	Marcelo A. F. Calbucci	13768.147	2255

22913 7590 07/30/2003

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SALT LAKE CITY, UT 84111

EXAMINER

COLIN, CARL G

ART UNIT	PAPER NUMBER
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2133

DATE MAILED: 07/30/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/609,197

Applicant(s)

CALBUCCI, MARCELO A. F.

Examiner

Carl Colin

Art Unit

2133

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 June 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                  | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). ____.  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____. | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Drawings***

Fig.2 and fig.7 are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include respectively the reference signs 206b (p.15 line 9) and 700 (p.20 line 19). Under 37 CFR 1.83(a), fig.7 fails to show the security descriptor #2 as described in the specification (p.22 line 20).

The drawings are objected to because the terminologies used to describe reference numbers 129 and 139 are inconsistent. Line 17 on p.13 recites that reference number 139 is a magnetic hard disk, line 22 on p.13 a hard disk, and lines 12-13 on p.16 a hard magnetic disk. Also, on line 18 p.13, reference number 129 is described as a removable magnetic disk and on line 22 p.13 as a magnetic disk.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

### ***Specification***

The use of the trademark "Microsoft Exchange 2000" has been noted in this application. It should be capitalized wherever it appears and be accompanied by the generic terminology.

Although the use of trademarks is permissible in patent applications, the proprietary nature of the marks should be respected and every effort made to prevent their use in any manner, which might adversely affect their validity as trademarks.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-26 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent 6,061,740 to Ferguson et al..

As per claim 1 Ferguson et al. clearly shows a heterogenic computer having a first component the domestic system that meets the recitation of a first security descriptor; a second component, the foreign objects that meets the recitation of a second security descriptor (see column 8 lines 41-67).

The step of converting the first security descriptor into a version that follows the second security is disclosed in column 9 lines 1-5.

The step of comparing the converted first security descriptor with the second security descriptor is disclosed in column 9 lines 3-7 and 35-37.

The step of changing the second security descriptor to reflect the changes in the version of the first security descriptor is disclosed in column 9 lines 8-28.

Claim 2 describes the first security descriptor as 4.0 specification. Ferguson et al. discloses that any of the computer systems may use any operating systems that meet the 4.0 specification (column 15 lines 12-18 and column 11 lines 2-8).

Claim 3 describes the second security descriptor as Active Directory specification. Ferguson et al. discloses that any of the computer systems may use any operating systems that meet the Active Directory specification.

Claim 4 describes the first security descriptor as Active Directory specification. Ferguson et al. discloses that any of the computer systems may use any operating systems that meet the Active Directory specification.

Claim 5 describes the second security descriptor as 4.0 specification. Ferguson et al. discloses that any of the computer systems may use any operating systems that meet the 4.0 specification.

As per claim 6, Ferguson et al. discloses the claimed method of claim 1 comprising an act of consulting mapping rules that define mappings of rights of the first security descriptor specification to the second security descriptor specification in column 11 lines 52-62.

For each right that there is a corresponding mapping rule, converting the right that follows the first security descriptor specification to a corresponding right that follows the second security descriptor specification is disclosed in column 11 lines 60-65.

"As values are mapped from SAM to NDS", assembling each corresponding right to other user objects (column 1, lines 12-29, see also claim 11 of Ferguson et al.) meets the recitation of assembling each corresponding right that follows the second

specification right to a version of the first descriptor that follows the second descriptor specification.

As per claim 7, Ferguson et al. discloses the claimed method of claim 1 wherein an act of comparing the rights in the version of the first security descriptor to the right in the second security descriptor in column 9 lines 3-7 and 35-37 and detecting changes in the first that are not reflected in the second (column 9 lines 1-20).

Claim 8 is similar to claims 1, 6 and 7, but includes an act of changing the second security descriptor to reflect the detected changes in the first security descriptor. Ferguson et al. teaches the steps of modifying the foreign computer system when a change is detected (see column 9 lines 21 et seq. and claim 15).

Claim 9 describes the first security descriptor as 4.0 specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15, lines 12-18 and column 11 lines 2-8).

Claim 10 describes the second security descriptor as Active Directory specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15, lines 12-18 and column 11, lines 2-8).

Claim 11 describes the first security descriptor as Active Directory specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15, lines 12-18 and column 11, lines 2-8).

Claim 12 describes the second security descriptor as 4.0 specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15, lines 12-18 and column 11 lines 2-8).

Claim 13 is similar to claim 1 but refers to a computer program comprising a computer readable medium having computer-executable instructions for performing the steps described previously in claim 1. Ferguson et al. teaches a program in a computer readable medium capable of performing such steps (see column 13 lines 53-56, column 9 lines 11-16 and lines 55-59, and claim 20).

Claim 14 refers to a computer program product wherein the first security descriptor specification is the 4.0 specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15 lines 12-18 and column 11 lines 2-8).

Claim 15 refers to a computer program product wherein the second security descriptor is the Active Directory specification. Ferguson et al. discloses the operating

systems that recognize the above specification in (column 15 lines 12-18 and column 11 lines 2-8).

Claim 16 refers to a computer program product wherein the first security descriptor is the Active Directory specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15 lines 12-18 and column 11 lines 2-8).

Claim 17 refers to a computer program product wherein the second security descriptor is the 4.0 specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15 lines 12-18 and column 11 lines 2-8).

Claim 18 refers to a computer program capable of performing the method in claim 6, which is found in the teaching of Ferguson et al. (see column 3 lines 55-57 and claim 20). Ferguson et al. also teaches that event monitor can also be a separate program (column 9 lines 11-16).

Claim 19 refers to a program capable of performing the method of claim 7. Ferguson et al. discloses a readable medium holding computer instructions that perform the teaching of claim 7. Ferguson et al. teaches that the management service can also be embodied in a computer readable medium (see column 3 lines 55-5, column 9 lines 55-59, and column 13 lines 53-56) and (see also claims 11-20).



Claim 20 refers to a program capable of performing the method of claim 8. Ferguson et al. discloses a readable medium holding computer instructions that perform the teaching of claim 8. Ferguson et al. teaches that the management service can also be embodied in a computer readable medium (see column 3 lines 55-57, column 9 lines 55-59, and column 13 lines 53-56) and (see also claims 11-20).

Claim 21 refers to a computer program product wherein the first security descriptor specification is the 4.0 specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15 lines 12-18 and column 11 lines 2-8).

Claim 22 refers to a computer program product wherein the second security descriptor is the Active Directory specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15 lines 12-18 and column 11 lines 2-8).

Claim 23 refers to a computer program product wherein the first security descriptor is the Active Directory specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15 lines 12-18 and column 11 lines 2-8).

Claim 24 refers to a computer program product wherein the second security descriptor is the 4.0 specification. Ferguson et al. discloses the operating systems that recognize the above specification in (column 15 lines 12-18 and column 11 lines 2-8).

Claim 25 shows a computer system with a processing device and computer-readable media to store the data structures and perform the steps as described in claim 1. Ferguson et al. teaches a computer system as one of the aspects of his invention (column 2 lines 13-27 and column 1 lines 21-49 and claims 1-10), which manages a network comprising the elements of claim 1.

Claim 26 recites the data structures of claim 25 and adds a data structure that represents a version of the first security descriptor that follows the second specification. Ferguson et al. mentions a medium for storing information (column 3 lines 55-67) and a distributed directory where the second set of objects corresponds to the first set of objects (column 2 lines 13-27).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carl Colin whose telephone number is 703-305-0355. The examiner can normally be reached on Monday through Thursday and every other Friday, 7:30 AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert Decady can be reached on 703-305-9595. The fax phone numbers

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for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7239 for After Final communications.

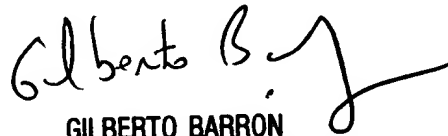
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.



Carl Colin

Patent Examiner

July 24, 2003



GILBERTO BARRON  
SUPERVISORY PATENT EXAMINER  
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